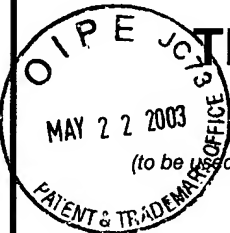


2186 #4 BT  
6-4-03

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

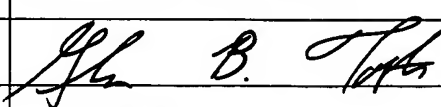
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.


 <b>TRANSMITTAL FORM</b>	Application Number	10/087,251
	Filing Date	Feb 27, 2002
	First Named Inventor	Aasheim
	Group Art Unit	2186
	Examiner Name	KIM, MATTHEW
Total Number of Pages in This Submission	Attorney Docket Number	MS1-1070US

**RECEIVED**  
MAY 23 2003  
Technology Center 2100

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) Sheets	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form 1449; 4 cited references; return postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

22801  
PATENT TRADEMARK OFFICE

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Glenn B. Foster, Reg. No. 32,676
Signature	
Date	5/19/03

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 5/19/03			
Typed or printed name	Carlin Taylor	Date	5/19/03
Signature			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 10/087,251  
Filing Date Feb 27, 2002  
Inventorship Aasheim  
Applicant Microsoft Corporation  
Attorney's Docket No. MS1-1070US  
Title: Dynamic Data Structures for Tracking Data Stored in a Flash Memory Device

**INFORMATION DISCLOSURE STATEMENT**

**References -- See Attached Form PTO-1449**

To: Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450


From: Glenn B. Foster (Tel. 509-324-9256; Fax 509-323-8979)  
Lee & Hayes, PLLC  
421 W. Riverside Avenue, Suite 500  
Spokane, WA 99201

RECEIVED  
MAY 23 2003  
Technology Center 2100

The attached form PTO-1449 is submitted in compliance with Applicant's duty of disclosure under 37 CFR §1.56.

The Commissioner is hereby authorized to charge payment of fees or credit overpayments to Deposit Account No. 12-0769 as set forth in 37 CFR §1.17(p).

Dated: 5/19/03

By:   
Glenn B. Foster  
Reg. No. 32,676

OFFICE  
MAY 22 2003  
PATENT & TRADEMARK OFFICE

+

**Complete if Known**

<b>Application Number</b>	10/087,251
<b>Filing Date</b>	Feb. 27, 2002
<b>First Named Inventor</b>	Aasheim
<b>Group Art Unit</b>	2818
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	MS1-1070US

(use as many sheets as necessary)

Sheet	1	of	1	Attorney Docket Number	MS1-1070US
-------	---	----	---	------------------------	------------

[illegible]

RECEIVED  
MAY 23 2003  
Technology Center 2100

[illegible]

Date	
Considered	

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+